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**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Matter of the Application of: Thomas S. Laubner et al.

For: Microstrip Antenna With Improved Low Angle Performance

Serial No.: 09/966,221 Filed: September 9, 2001

Examiner: M. Wimer Group Art Unit: 2821

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 5, 2004.

*Paula Capriglione*  
Paula Capriglione

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER**

Sir:

In fulfilling the duty of candor and good faith, the following documents are hereby disclosed to the Patent Office in accordance with 37 CFR § 1.56. It is not admitted that the information in the listed documents is material to patentability as defined in 37 CFR § 1.56(b). The Examiner is requested to consider the documents in the examination of this application.

An Information Disclosure Statement by Applicant (PTO Form 1449) is submitted herewith, in duplicate, pursuant to 37 CFR §§1.97-1.98. The Examiner is requested to return an initialed and signed copy of the form once the documents have been considered.

The enclosed statement is being filed after the mailing date of a final action under 37 CFR §1.113, or a notice of allowance under 37 CFR §1.311, but before payment of the issue fee.

I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign  
09/966,221  
17655 US

patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement;

The documents listed on the accompanying Form PTO-1449 were cited by the European Patent Office in the European Search Report for European Patent Application No. 02252627.1 which is a counterpart for this application. The documents were cited in categories "Y" ("document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art") and "A" ("document defining the general state of the art which is not considered to be of particular relevance"). A copy of the European Search Report is attached.

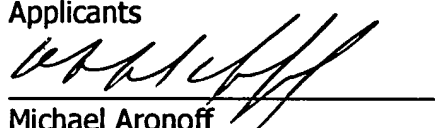
A copy of each of the documents is being submitted.

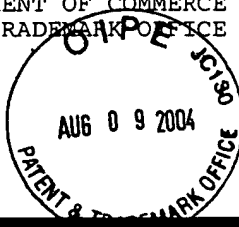
If a fee is due in connection with this communication the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 23-1950. **If a fee is due, a duplicate of this sheet is enclosed.**

Respectfully submitted,

Thomas S. Laubner et al.  
Applicants

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FORM PTO-1449  
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. / DOCKET NO. / SERIAL NO.  
MA / 17635 / 09/966,221INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Thomas S. Laubner et al.FILING DATE / GROUP  
9/9/01 / 2821

U.S. PATENT DOCUMENTS							
EXAM INIT		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FIL. DATE
	AA	5,831,577	11/98	Nichols et al.	342	357	7/97
	AB	6,064,346	5/00	Blom	343	749	5/00
	AC	6,160,512	12/00	Desclos et al.	343	700	10/98
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRNS Y/N
	AK						
	AL						
	AM						
	AN						
	AO						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AP		
	AR		
	AS		

Examiner:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.